

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO
10589-034-999
APPLICATION NO.
10/551,300

APPLICANT

Trotta

FILING DATE
November 29, 2006 ART UNIT
1639

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
A20	2004/0219545	11/04/04	Rando et al.	
A21	2005/0142545	06/30/05	Conn et al.	
A22	2005/0221368	10/06/05	Rana et al.	
A23	2006/0228730	10/12/2006	Rando et al.	
A24	2006/0194234	8/31/2006	Conn et al.	
A25	6,875,736	04/05/05	Rana et al.	
A26	6,583,309	06/24/03	Rana et al.	
A27	6,503,713	01/07/03	Rana et al.	

FOREIGN PATENT DOCUMENTS

	FOREIGN PATENT DOCUMENT COUNTRY CODE, NUMBER, KIND CODE (IF KNOWN)	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
B19	EP 0177827 B1	11/18/1993	Hoechst Aktiengesell-Schaft		
B20	CN 1328156 (English Abstract included)	12/26/01	Wuhan Inst Of Virology Chinese		
B21	CA 1,340,280	12/22/1998	Hoechst Aktiengesell-Schaft		
B22	WO 01/53455	07/26/01	Hyseq, Inc.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
C78	BRANDEN et al., 1991, Chapter 16: Prediction, Engineering, and Design of Protein Structures" in Introduction to Protein Structure, Garland Publishing, Inc., p.247	
C79	BROWN, 1993, Hybridization Analysis of DNA Blots, in Current Protocols in Molecular Biology, p. 2.10.1-2.10.11	
C80	GENBANK Accession No: AAH19582, "tRNA splicing" dated January 3, 2002	
C81	GENBANK Accession No.: BC019582, "Homo sapiens tRNA" dated January 3, 2002	
C82	GENBANK: Accession No: NP_079541; "tRNA splicing endonuclease 2 homolog [Homo sapiens]," dated March 2, 2006	
C83	GENBANK: Accession No: NT_005927.12; "Homo sapiens chromosome 3 reference genomic contig," dated August 1, 2002"	

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C84	GENBANK: Accession No: NT_011225.9; "Homo sapiens chromosome 19 reference genomic contig," dated August 1, 2002	
C85	GENBANK: Accession No: XP_085899; "similar to LENG5 protein [Homo sapiens]," dated August 1, 2002	
C86	GENBANK Accession No.: CAA19575, "tRNA-splicing endonuclease subunit Sen34 [Schizosaccharomyces pombe]," dated June 30, 2009	
C87	GENBANK Accession No.: CAA21061, "tRNA-splicing endonuclease subunit Sen54 (predicted) [Schizosaccharomyces pombe]," dated June 30, 2009	
C88	GENBANK Accession No.: CAD27500, "tRNA-splicing endonuclease subunit Sen2 [Schizosaccharomyces pombe]," dated June 30, 2009	
C89	GENBANK Accession No.: CAE46913; "tRNA-splicing endonuclease subunit Sen15 [Schizosaccharomyces pombe]," dated June 30, 2009	
C90	HERRENKNECHT, 1988, "P _t -tRNA splicing in a nuclear extract from human leukemia cells: separation of endonuclease and ligase activities." Nuc. Acids Res. 16:7713-7714	
C91	LUCAS et al., 2000, "Yeast Sequencing Report: Sequence analysis of two cosmids from the right arm of the <i>Schizosaccharomyces pombe</i> chromosome II." Yeast 16:299-306	
C92	MARRAS, 2002, "Efficiencies of Fluorescence Resonance Energy transfer and contact-mediated quenching in oligonucleotide probes." Nucleic Acids Res. 30:1-8	
C93	PAUSHKIN et al., 2004, "Identification of a human endonuclease complex reveals a link between tRNA splicing and pre-mRNA 3' End Formation." Cell, 117:311-321	
C94	SEFFERNICK et al., 2001, "Melamine deaminase and atrazine chlorohydrolase: 98 percent identical but functionally different." J Bacteriol 183(8):2405-2410	
C95	SOOD et al., 2001, "Cloning and characterization of 13 novel transcripts and the human RGS8 gene from the 1q25 region encompassing the hereditary prostate cancer (HPC1) locus." Genomics 73:211-222	
C96	SPALTSMANN et al., 1999, "Computer-aided target selection – prioritizing targets for antifungal drug discovery." DDT, 4(1):17-26	
C97	STRYER, 1999, Chapter 5: Flow of Genetic Information, p. 96-97; Chapter 33: RNA Synthesis and Splicing, p. 860-864, Chapter 34: Protein Synthesis, p. 875-880; in Biochemistry, 4 th edition, W.H. Freeman and Co., New York	
C98	WITKOWSKI, 1999, "Conversion of β -ketoacyl Synthase to Malonyl Decarboxylase by Replacement of the Active-site Cysteine and Glutamine." Biochemistry, 38:11643-11650	
C99	YEAST Accession No: YLR105c; SEN2: http://www.yeastgenome.org/ , dated March 8, 2006	
C100	YEAST Accession No: YAR008w; SEN34 http://www.yeastgenome.org/ , dated March 8, 2006	
C101	YEAST Accession No: YMR059w; SEN 15 http://www.yeastgenome.org/ dated March 8, 2006	
C102	YEAST Accession No: YPL083c; SEN54 http://www.yeastgenome.org/ , dated March 8, 2006	
C103	RESPONSE TO OFFICE COMMUNICATION REGARDING SEQUENCE DISCLOSURE AND PRELIMINARY AMENDMENT dated February 28, 2006, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C104	REQUIREMENT Restriction/Election dated June 13, 2006 for U.S. Application No.: 10/884,695, filed July 2, 2004	
C105	RESPONSE to Requirement for Restriction/Election and Preliminary Amendment dated October 13, 2006 for U.S. Application No.: 10/884,695, filed July 2, 2004	
C106	NON-FINAL Rejection, dated December 21, 2006, for U.S. Application No.: 10/884,695, filed July 2, 2004	

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C107	AMENDMENT after non-final rejection, dated April 17, 2007, for U.S. Application No.: 10/884,695, filed July 2, 2004		T
C108	NON-FINAL Rejection, dated July 13, 2007, for U.S. Application No.: 10/884,695, filed July 2, 2004		
C109	AMENDMENT after non-final rejection, dated November 13, 2007, for U.S. Application No.: 10/884,695, filed July 2, 2004		
C110	NON-FINAL Rejection, dated February 5, 2008, for U.S. Application No.: 10/884,695, filed July 2, 2004		
C111	AMENDMENT after non-final rejection, dated August 5, 2008, for U.S. Application No.: 10/884,695, filed July 2, 2004		
C112	DETAILED ACTION, dated December 1, 2008, for U.S. Application No.: 10/884,695, filed July 2, 2004		
C113	NOTICE of Abandonment, dated June 4, 2009, for U.S. Application No.: 10/884,695, filed July 2, 2004		
C114	PRELIMINARY Amendment, dated September 27, 2005, for U.S. Application No.: 10/551,304, filed May 18, 2006		
C115	REQUIREMENT for Restriction/Election, dated January 16, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006		
C116	RESPONSE to Requirement for Restriction/Election, dated July 15, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006		
C117	REQUIREMENT for Restriction/Election, dated November 25, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006		
C118	RESPONSE to Requirement for Restriction/Election, dated December 22, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006		
C119	NON-FINAL Rejection, dated March 17, 2009, for U.S. Application No.: 10/551,304, filed May 18, 2006		
C120	PRELIMINARY Amendment dated September 27, 2005, for PCT/US2004/009572-U.S. Application No.: 10/551,301 filed July 12, 2006		
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C122	REQUIREMENT for Restriction/Election, dated January 16, 2009, for U.S. Application No.: 10/551,301 filed July 12, 2006		
C123	RESPONSE to requirement for Restriction/Election, dated February 17, 2009, for U.S. Application No.: 10/551,301 filed July 12, 2006		
C124	NON-FINAL Rejection, dated May 12, 2009, for U.S. Application No.: 10/551,301 filed July 12, 2006		
C125	INTERNATIONAL Search Report, dated June 22, 2005 of PCT/US2004/009572, filed March 26, 2004		
C126	WRITTEN Opinion, dated June 22, 2005 of PCT/US2004/009572, filed March 26, 2004		
C127	INTERNATIONAL Preliminary Report on Patentability, dated November 11, 2005 of PCT/US2004/009572, filed March 26, 2004		
C128	EUROPEAN Search Report, dated July 23, 2007 of EP 1 613 158 published January 11, 2006		
C129	INTERNATIONAL Search Report, dated January 27, 2005 of PCT/US2004/009590, filed March 26, 2004		
C130	WRITTEN Opinion, dated January 27, 2005 of PCT/US2004/009590, filed March 26, 2004		
C131	INTERNATIONAL Preliminary Report on Patentability, dated June 16, 2005 of PCT/US2004/009590, filed March 26, 2004		

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C132	EUROPEAN Search Report, dated July 23, 2007 of EP 1 613 160 published January 11, 2006	
C133	INTERNATIONAL Search Report, dated April 24, 2007 of PCT/US2004/021334, filed July 2, 2004	
C134	WRITTEN Opinion, dated April 24, 2007 of PCT/US2004/021334, filed July 2, 2004	
C135	INTERNATIONAL Preliminary Report on Patentability, December 12, 2007 of PCT/US2004/021334, filed July 2, 2004	
C136	EUROPEAN Search Report, dated May 8, 2009 of EP 1 649 002 published April 26, 2006	
C137	INTERNATIONAL Search Report, dated June 9, 2005 of PCT/US2004/009574, filed March 26, 2004	
C138	WRITTEN Opinion, dated June 9, 2005 of PCT/US2004/009574, filed March 26, 2004	
C139	INTERNATIONAL Preliminary Report on Patentability, dated November 11, 2005 of PCT/US2004/009574, filed March 26, 2004	
C140	EUROPEAN Search Report, dated July 3, 2007 of EP 1 613 159 published January 11, 2006	
C141	EUROPEAN communication regarding possible amendment of claims/payment of fees, dated November 14, 2005, of EP 1 613 158, published January 11, 2006	
C142	REPLY to European communication before examination dated December 21, 2005, of EP 1 613 158, published January 11, 2006	
C143	EUROPEAN communication regarding transmission of search report, dated July 23, 2007, of EP 1 613 158, published January 11, 2006	
C144	EUROPEAN communication from the examining division, dated November 16, 2007, of EP 1 613 158, published January 11, 2006	
C145	REPLY to European communication from the examining division, dated May 15, 2008, of EP 1 613 158, published January 11, 2006	
C146	EUROPEAN communication from the examining division, dated July 15, 2008, of EP 1 613 158, published January 11, 2006	
C147	REPLY to European communication from the examining division, dated November 10, 2008, of EP 1 613 158, published January 11, 2006	
C148	EUROPEAN communication from the examining division, dated November 26, 2008, of EP 1 613 158, published January 11, 2006	
C149	REPLY to European communication from the examining division, dated January 26, 2009, of EP 1 613 158, published January 11, 2006	
C150	EUROPEAN communication regarding possible amendment of claims/payment of fees, dated Nov. 14, 2005, of EP 1 613 159, published January 11, 2006	
C151	EUROPEAN communication regarding transmission of search report, dated July 3, 2007, of EP 1 613 159, published January 11, 2006	
C152	EUROPEAN communication from the examining division, dated October 10, 2007, of EP 1 613 159, published January 11, 2006	
C153	REPLY to European communication from the examining division, dated April 21, 2008, of EP 1 613 159, published January 11, 2006	
C154	EUROPEAN communication from the examining division, dated August 5, 2008, of EP 1 613 159, published January 11, 2006	
C155	REPLY to European communication from the examining division, dated August 18, 2008, of EP 1 613 159, published January 11, 2006	

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C156	EUROPEAN communication from the examining division, dated December 17, 2008, of EP 1 613 159, published January 11, 2006	
C157	REPLY to European communication from the examining division, dated June 26, 2009, of EP 1 613 159, published January 11, 2006	
C158	EUROPEAN communication regarding possible amendment of claims/payment of fees, dated November 14, 2005, of EP 1 613 160, published January 11, 2006	
C159	EUROPEAN communication regarding transmission of search report, dated July 23, 2007, of EP 1 613 160, published January 11, 2006	
C160	EUROPEAN communication from the examining division, dated April 23, 2008, of EP 1 613 160, published January 11, 2006	
C161	REPLY to European communication from the examining division, dated October 31, 2008, EP 1 613 160, published January 11, 2006	
C162	EUROPEAN communication from the examining division, dated December 17, 2008, of EP 1 613 160, published January 11, 2006	
C163	REPLY to European communication from the examining division, dated June 26, 2009, of EP 1 613 160, published January 11, 2006	
C164	GENBANK Accession No.: M32336, "S.cerevisiae tRNA splicing endonuclease beta-subunit (SEN2) gene, complete cds," dated August 6, 1997	

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